10/518884

Figure 1

	Total protein mg	Enzyme activity nkat	Yield %	Specific activity nkat mg^{-1}	Purification -fold
Crude extract	1716	51		0.03	
Ammonium sulphate precipitation (30-80%)	890	155	300	0.17	6
DEAE column	10.7	50	98	4.69	158
MonoQ column 60%	1.8	18.6	36	10.23	344
MonoQ column 30%	0.96	6.6	12	6.87	231
Phenylsucrose	0.07	1.2	2.4	18.03	600

nkat = 1nmol caffeoyl-CoA s^{-1}

Figure 2

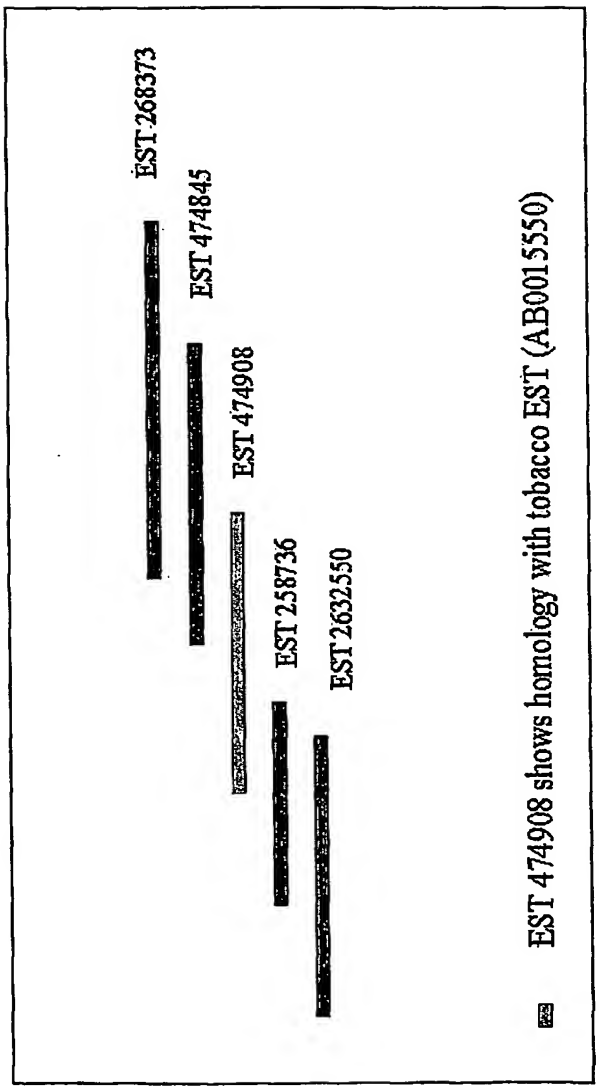


Figure 3

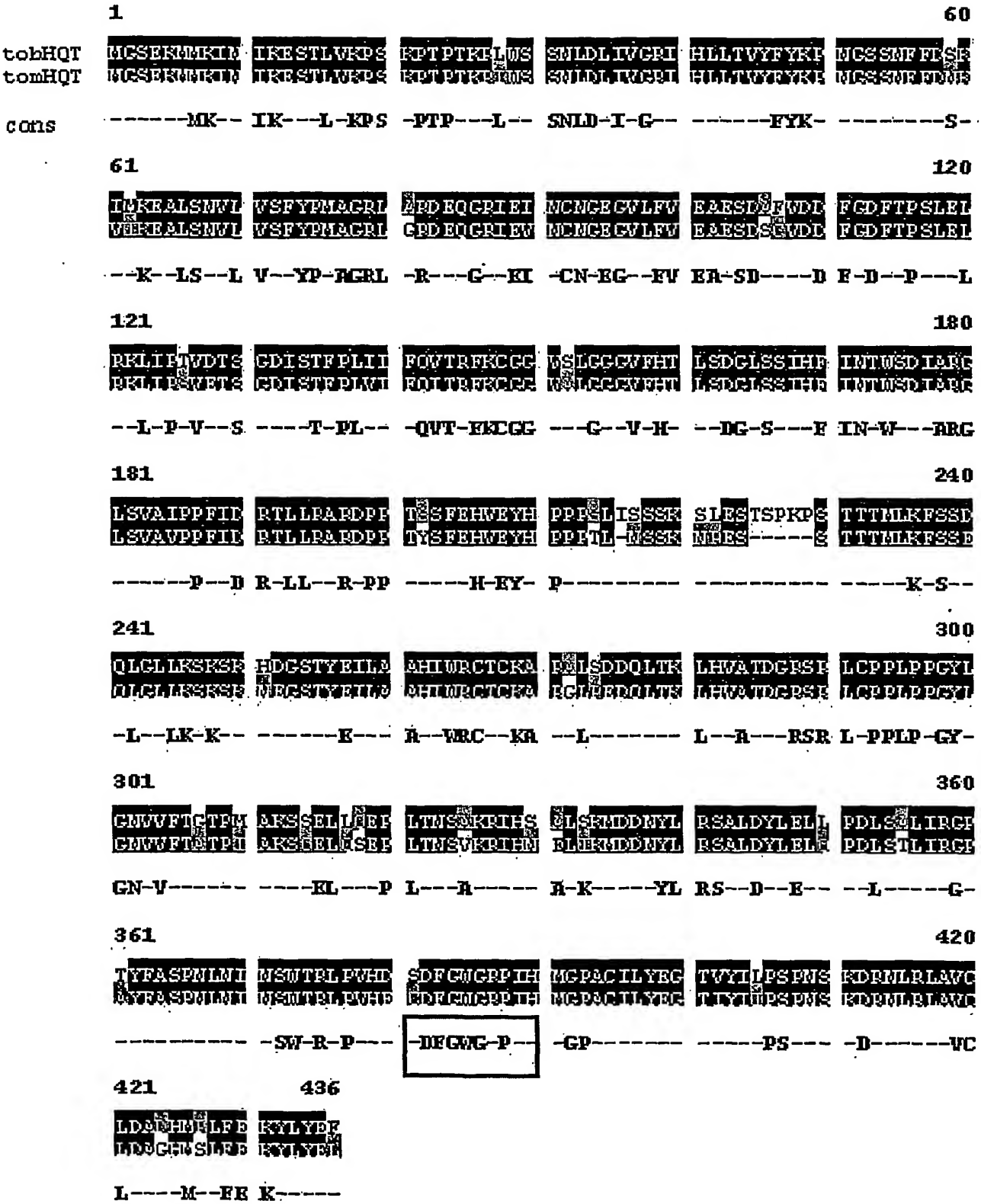


Figure 4

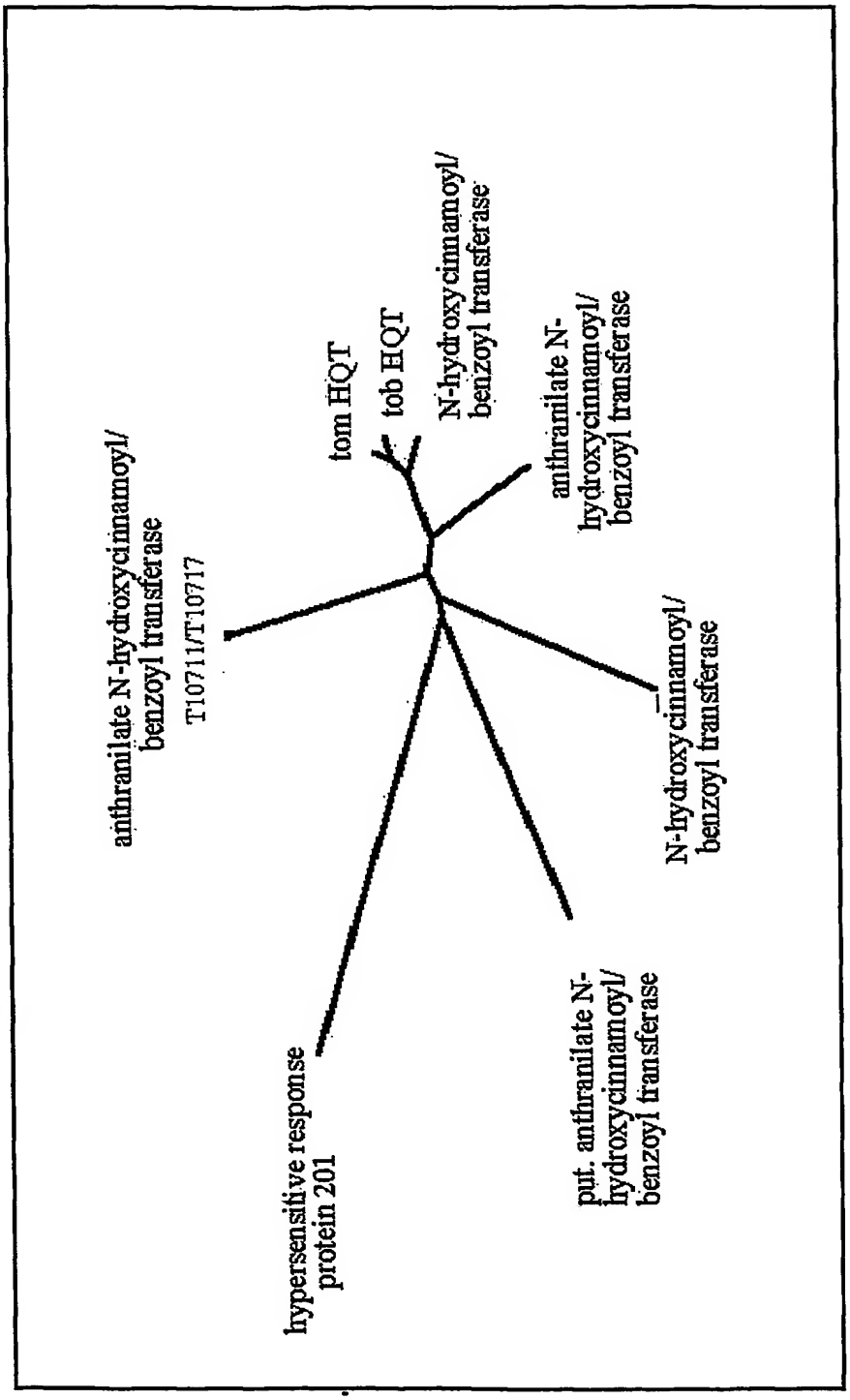


Figure 5

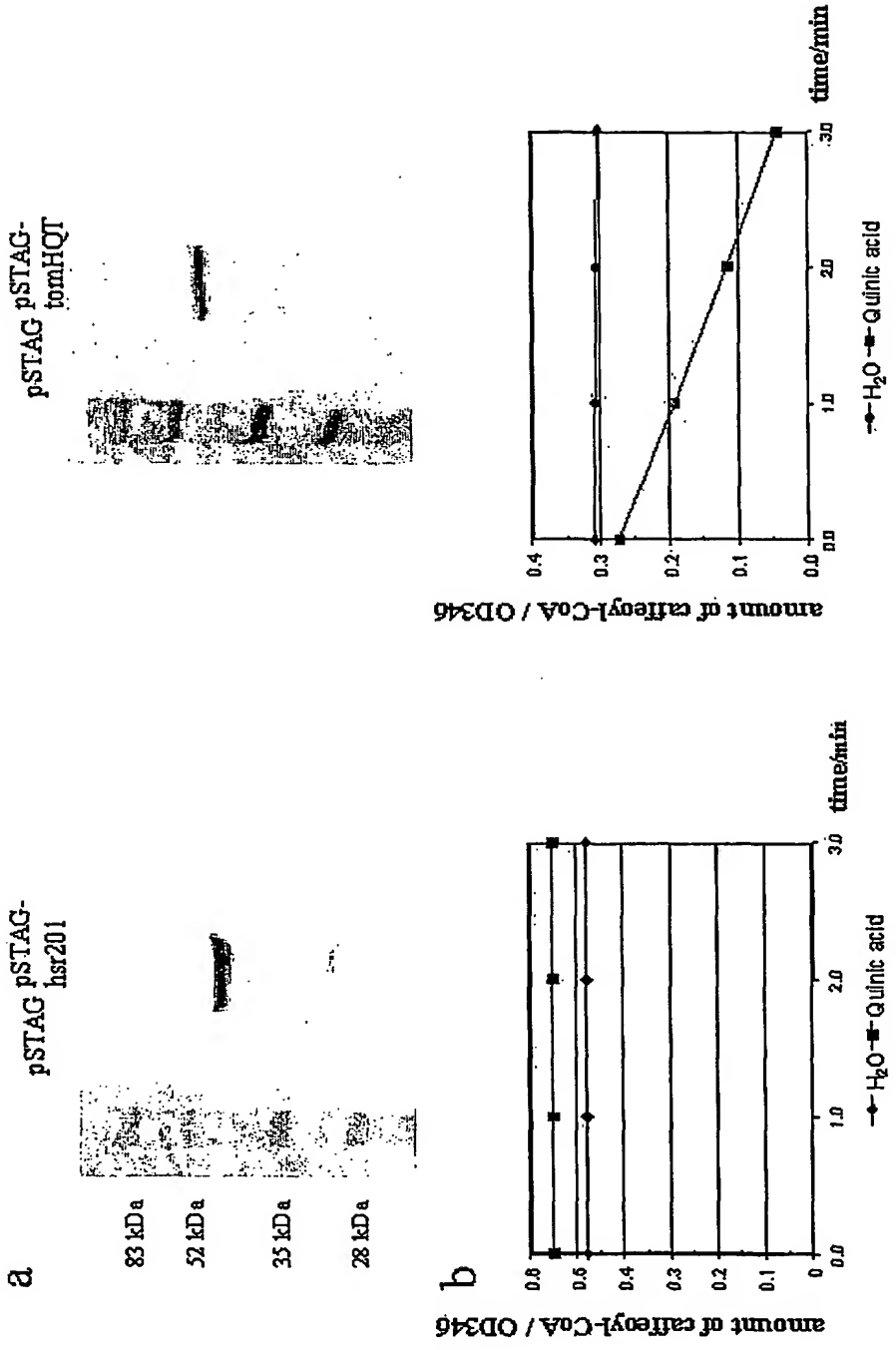
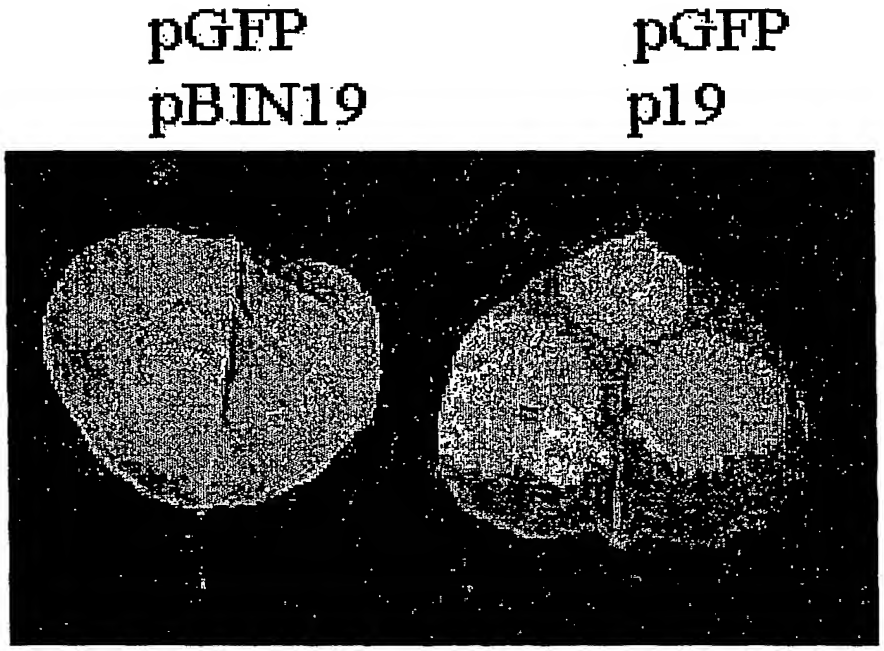


Figure 6

a



b

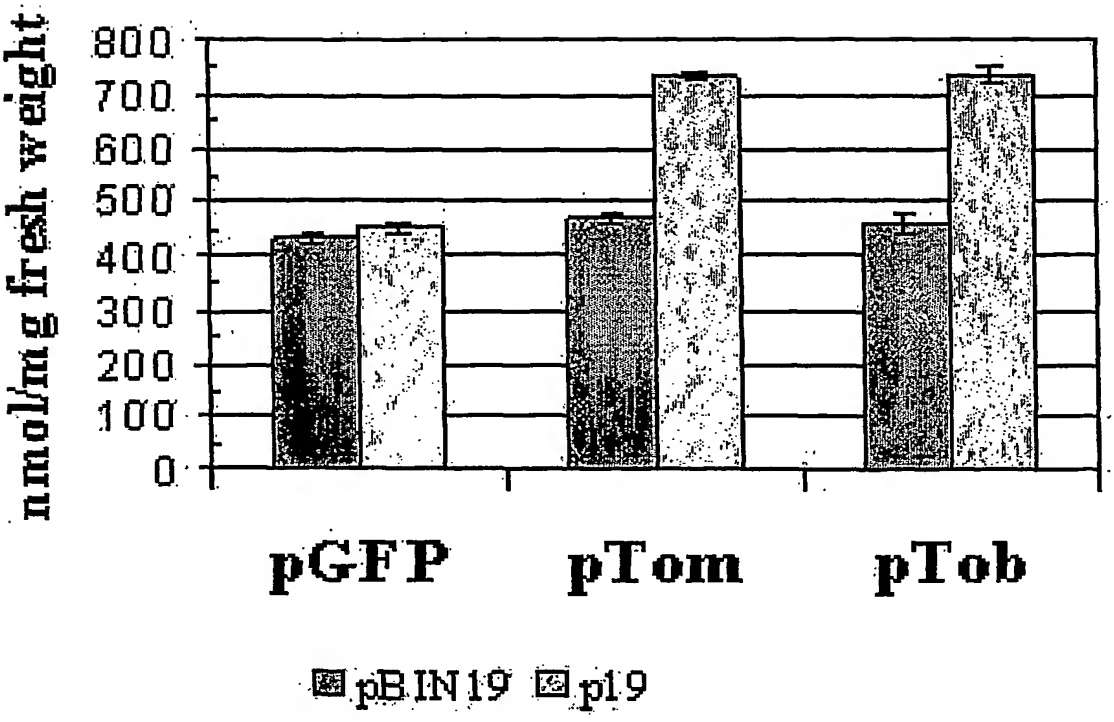


Figure 7a

ATG GGAAGTGAAA AAATGATGAA AATTAATATC AAAGAATCAA

CACTAGTGAA ACCATCAAAA CCAACACCAA CAAAGAGAAT TTGGAGTTCT

AATTTGGATT TAATTGTTGG AAGAATTCAT CTTTTGACTG TTTATTTTTA

TAAACCAAAT GGATCTTCAA ATTTTTTTGA TAATAAAGTT ATTAAAGAAG

CATTAAGTAA TGTTTTAGTT TCATTTTATC CAATGGCTGG AAGATTAGGT

AGGGATGAAC AAGGTAGAAT TGAAGTTAAT TGTAATGGTG AAGGTGTTTT

GTTTGTTGAG GCTGAAAGTG ATTCATGTGT TGATGATTTT GGTGATTTTA

CACCATCTTT GGAACTTAGA AAACTCATTC CAAGTGTTGA AACCTCTGGA

GATATCTCAA CTTTCCCACT AGTTATATTT CAGATTACTC GTTTCAAGTG

TGGCGGAGTC GCTCTTGGTG GTGGAGTATT CCACACGTTA TCCGATGGTC

TCTCATCCAT CCACTTCATC AACACGTGGT CGGACATCGC CCGTGGCCTC

TCCGTCGCAG TCCCGCCGTT CATCGATCGG ACGCTCCTCC GTGCAAgGGA

CCCACCGACA TATTCTTTCG AGCACGTTGA GTACCATCCT cCACCTACCC

TAAACTCATC GAAAAATcGC GAGTCCAGTA CCaCGACCAT GTTGAAATTc

TCGAGTGAAC AACTCGGGCT TcTTAAGTCC AAGTCCAAAA ATGAGGGTAG

CACCTATGAA ATCCTCGCAG CCCATATTTG GCGATGCACG TGCAAGGCAC

GTGGATTGCC AGAGGATCAA TTGACCAAAT TACACGTGGC CACCGACGGA

AGGTCAAGGC TTTGCCCTCC CTTGCCACCG GGTTACCTAG GAAACGTCGT

GTTCACGGCA ACCCCAATAG CTAAATCATG CGAACTTCAA TCAGAGCCGT

TGACAAATTC CGTCAAGAGA ATTCACAACG AGTTGATCAA AATGGACGAC

AATTACCTAA GATCAGCACT GGATTACCTC GAATTACAAC CTGATTTATC

AACCCTAATT CGGGGCCCGG CTTACTTTGC TAGCCCTAAC CTCAATATTA

ATAGTTGGAC TAGGTTGCCT GTCCATGAGT GTGATTTTGG ATGGGGTAGG

CCaATTCATA TGGGACCAGC TTGCATTTTA TATGAAGGGA CaATTTATAT

TATACCAAGT CCAAATTCTA AAGATAGGAA CTTGCGTTTG GCTGTTTGTc

TAGATGCTGG TCACATGTCA CTATTTGAAA AATATTTATA TGAATTATGA

Figure 7b

ATGGGAAG TGAAAAAATG ATGAAAATTA ATATCAAGGA ATCAACATTA

GTAAAACCAT CAAAACCAAC ACCAACAAAA AGACTTTGGA GTTCTAACTT

AGATTTAATA GTGGGAAGAA TTCATCTTTT AACAGTATAT TTCTATAAAC

CAAATGGATC TTCAAATTTC TTTGATTCAA AAATAATGAA AGAAGCATTA

AGTAATGTTC TTGTTTCATT TTACCCAATG GCTGGAAGAT TAGCTAGAGA

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AGTTTGGAAC TTAGGAAACT TATTCCTACT GTTGACACTT CTGGTGATAT

TTCTACTTTC CCCCTCATCA TCTTTCAGGT TACTCGTTTC AAATGTGGTG

GAGTTTCACT TGGTGGAGGA GTATTCCACA CTTTATCAGA TGGTCTCTCA

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CGCCATCCCG CCGTTCATCG ACCGGACCCT CCTCCGTGCA CGGGACCCAC

CAACATCGTC TTTCGAGCAC GTCGAGTATC ATCCTCCTCC ATCTCTAATT

TCATCATCAA AAAGCTTAGA ATCCACTAGC CCAAAGCCTA GTACCACAAC

CATGTTAAAA TTCTCTAGTG ACCAACTTGG GCTTCTAAAG TCCAAGTCCA

AACATGATGG TAGCACTTAC GAAATCCTCG CGGCCCATAT TTGGCGTTGC

ACGTGCAAGG CACGTGCACT GTCCGACGAT CAATTGACCA AATTACATGT

GGCCACTGAT GGTAGGTCTA GGCTTTGCCC TCCTTTGCCA CCAGGTTACT

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GTATGAATTT TGAGAGGTTG AAAAAAAAAT CAAGAATGTT CCAACaCTTG

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